

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for maintaining a data structure corresponding to an object having a first link from a first directory and a second link from a second directory in a filesystem, the object to which the data structure corresponds being selected from the group consisting of a file and a directory in the filesystem, the first and second directories being parent directories to the object to which the data structure corresponds, the method comprising the steps of:

storing in the data structure a first anchor point for the object that references the first directory, said first directory implemented on a first filesystem type; [[and]]

storing in the data structure a second anchor point for the object that references the second directory, said second directory implemented on a second filesystem type different than the first; and

concurrently with storing the first and second anchor points, converting the first filesystem type to the second filesystem type while maintaining the filesystem in a full operational capacity.

2. (Original) The method of claim 1, wherein the object is a file.

3. (Original) The method of claim 1, wherein the object is a directory.

4. (Previously Presented) The method of claim 3, wherein the directory is of the first filesystem type.

5. (Original) The method of claim 4, wherein the first link from the first directory to the object is a directory link; and the second link from the second directory to the object is a file link.

6. (Original) The method of claim 1, further comprising the steps of:
receiving a request for information about the first link; and
in response to the request, using the first anchor point when retrieving the
information.
7. (Original) The method of claim 1, further comprising the steps of:
receiving a request for information about the object;
selecting the first anchor point instead of the second anchor point to respond to
the request.
- 8-27. (Canceled).
28. (Previously Presented) The method of claim 1, wherein the second filesystem type is a
newer version of the first filesystem type.
29. (Previously Presented) The method of claim 28, wherein the second filesystem type is
NTFS, and the first filesystem type is FAT32.
30. (Previously Presented) The method of claim 1, wherein the first and second filesystem
types are associated with different operating systems.
31. (Previously Presented) The method of claim 30, wherein the first filesystem type is
associated with an HP-UX operating system, and the second filesystem type is associated with a
Windows operating system.

32. (New) A program product, comprising
a computer readable medium; and
a program code configured for maintaining a data structure corresponding to an object having a first link from a first directory and a second link from a second directory in a filesystem, the object to which the data structure corresponds being selected from the group consisting of a file and a directory in the filesystem, the first and second directories being parent directories to the object to which the data structure corresponds, the program code resident on the computer readable medium and further configured to store in the data structure a first anchor point for the object that references the first directory, said first directory implemented on a first filesystem type, store in the data structure a second anchor point for the object that references the second directory, said second directory implemented on a second filesystem type different than the first, and concurrently with storing the first and second anchor points, convert the first filesystem type to the second filesystem type while maintaining the filesystem in a full operational capacity.
33. (New) The program product of claim 32, wherein the object is a file.
34. (New) The program product of claim 32, wherein the object is a directory.
35. (New) The program product of claim 34, wherein the directory is of the first filesystem type.
36. (New) The program product of claim 35, wherein the first link from the first directory to the object is a directory link, and the second link from the second directory to the object is a file link.

37. (New) A program product, comprising
a computer readable medium;
a data structure configured to be maintained by an operating system and
corresponding to an object having a first link from a first directory and a second link from
a second directory in a filesystem, the object to which the data structure corresponds
being selected from the group consisting of a file and a directory in the filesystem, the
first and second directories being parent directories to the object to which the data
structure corresponds, the data structure comprising:
a plurality of attributes related to the object;
a first anchor point that references the first directory, said first directory being of a
first filesystem type; and
a second anchor point that references the second directory, said second directory
being of a second filesystem type different than the first;
program code resident on the computer readable medium and configured upon
execution to access the data structure, and concurrently with accessing the data structure,
further configured to convert the first filesystem type to the second filesystem type while
maintaining the filesystem in a full operational capacity.
38. (New) The program product of claim 37, wherein the object is a file.
39. (New) The program product of claim 37, wherein the object is a directory.
40. (New) The program product of claim 39, wherein the directory is of the first filesystem
type.
41. (New) The program product of claim 40, wherein the first link from the first directory to
the object is a directory link, and the second link from the second directory to the object is a file
link.

42. (New) An apparatus comprising:
 a processor; and
 a program code configured to be executed by the processor to maintain a data structure corresponding to an object having a first link from a first directory and a second link from a second directory in a filesystem, the object to which the data structure corresponds being selected from the group consisting of a file and a directory in the filesystem, the first and second directories being parent directories to the object to which the data structure corresponds, the program code further configured to store in the data structure a first anchor point for the object that references the first directory, said first directory implemented on a first filesystem type, store in the data structure a second anchor point for the object that references the second directory, said second directory implemented on a second filesystem type different than the first, and concurrently with storing the first and second anchor points, convert the first filesystem type to the second filesystem type while maintaining the filesystem in a full operational capacity.
43. (New) The apparatus of claim 42, wherein the object is a file.
44. (New) The apparatus of claim 42, wherein the object is a directory.
45. (New) The apparatus of claim 44, wherein the directory is of the first filesystem type.
46. (New) The apparatus of claim 45, wherein the first link from the first directory to the object is a directory link, and the second link from the second directory to the object is a file link.
47. (New) The apparatus of claim 42, wherein the program code is further configured to:
 select the first anchor point instead of the second anchor point to respond to a request for information about the object.